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FIG. 1A
GAP FORMATION

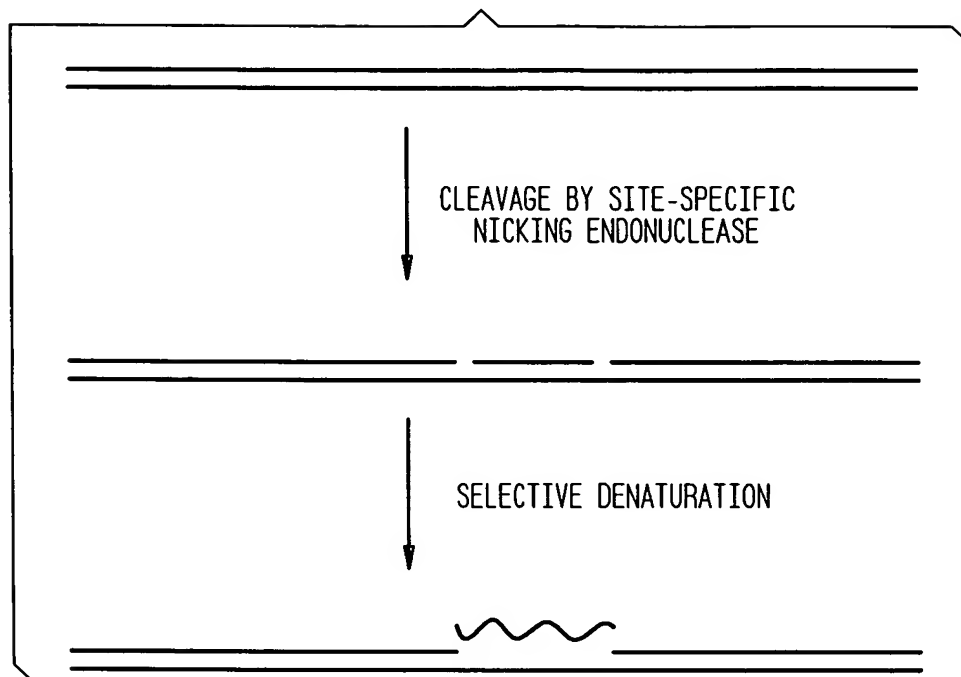
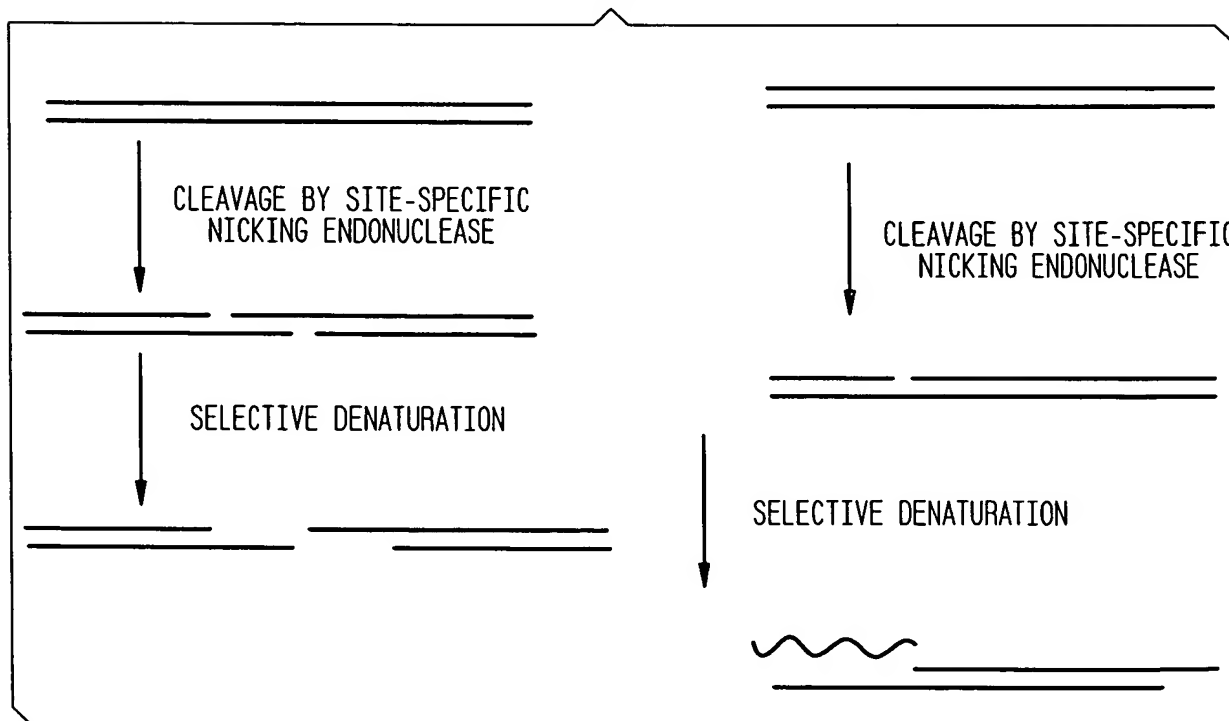


FIG. 1B
COHESIVE TERMINI FORMATION



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FIG. 2A

CREATION OF 5' COHESIVE ENDS

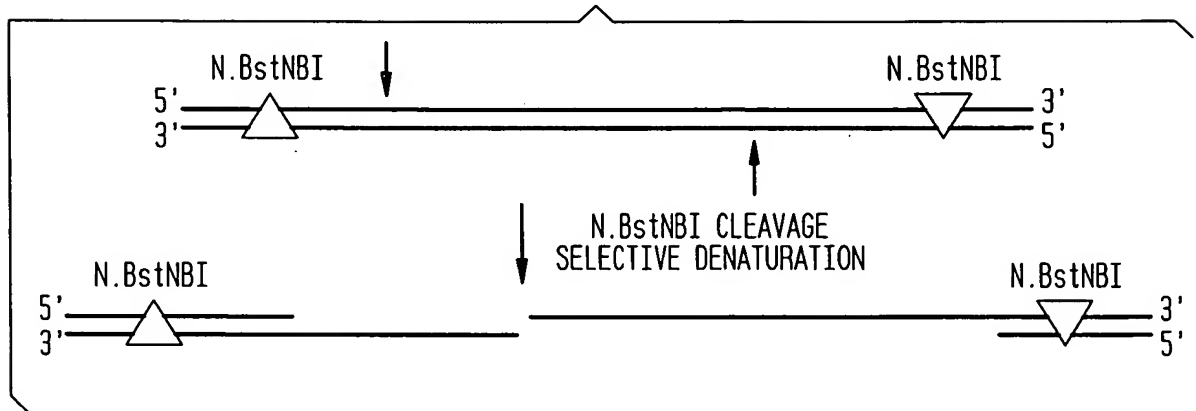


FIG. 2B

CREATION OF 3' COHESIVE ENDS

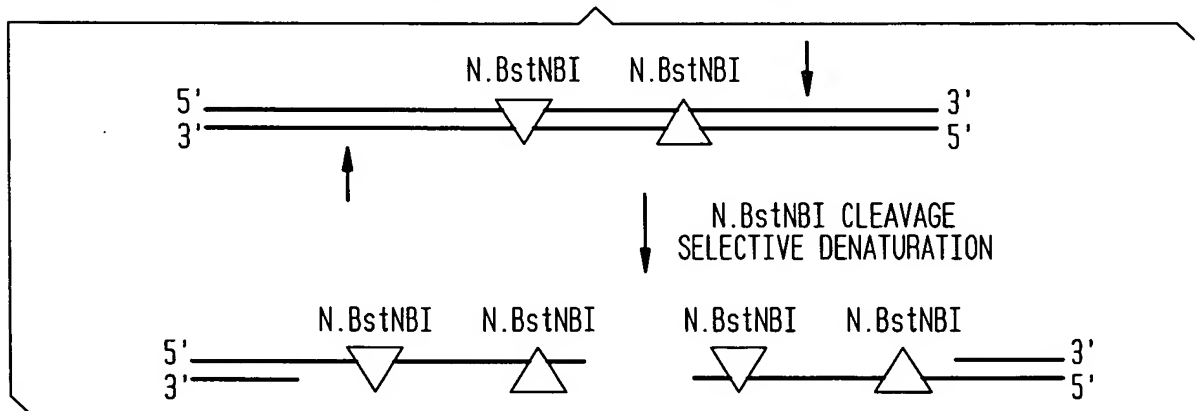
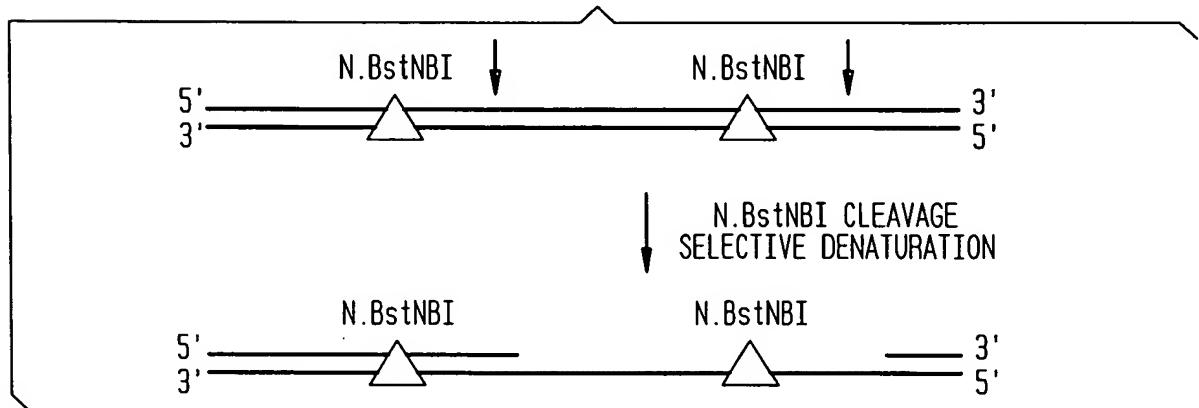


FIG. 2C

GAP CREATION



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FIG. 3A
DETECTION

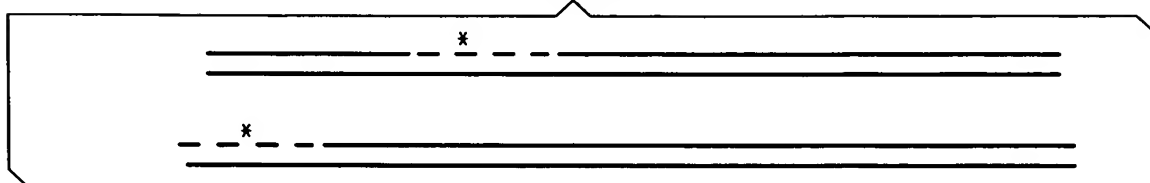


FIG. 3B
ASSEMBLY

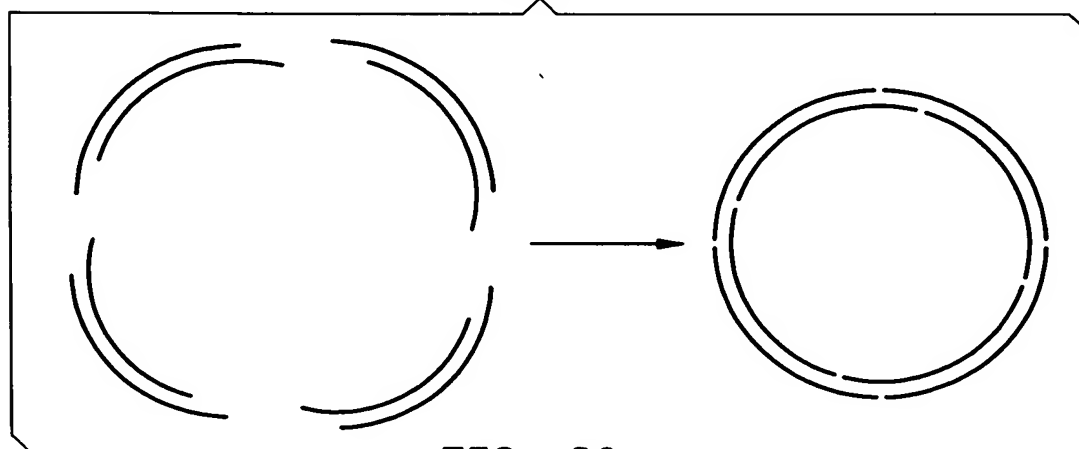


FIG. 3C
BRANCHED STRUCTURES

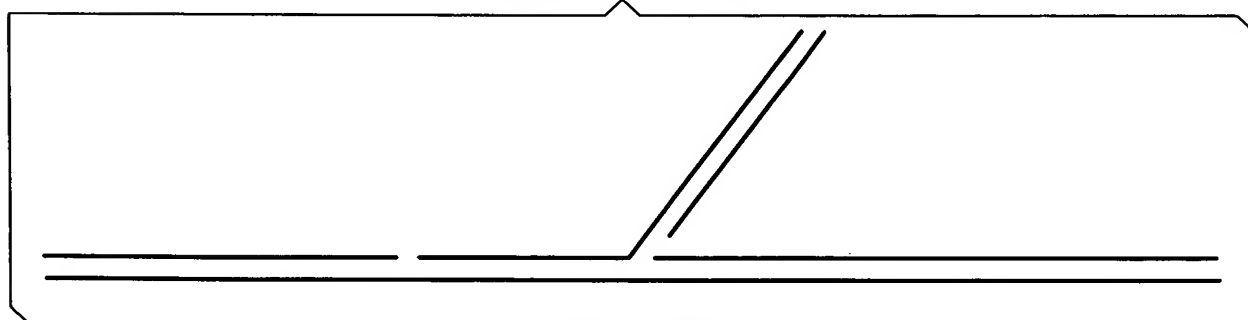


FIG. 3D
PURIFICATION

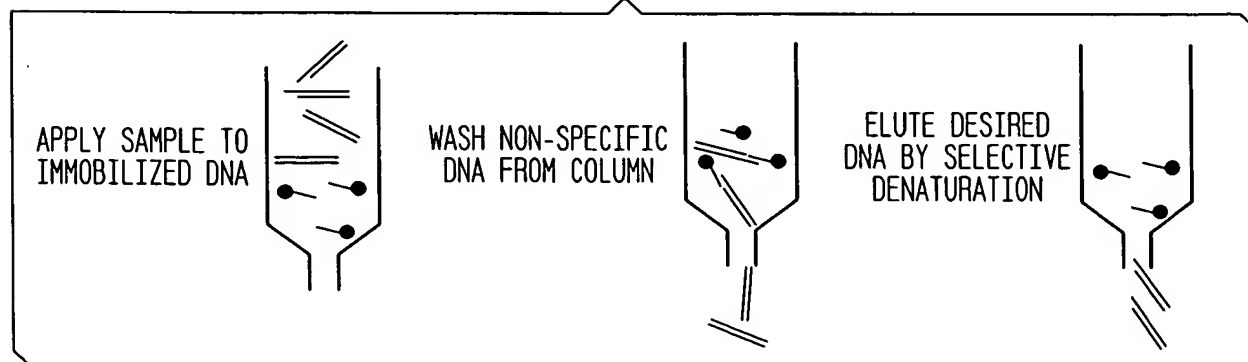
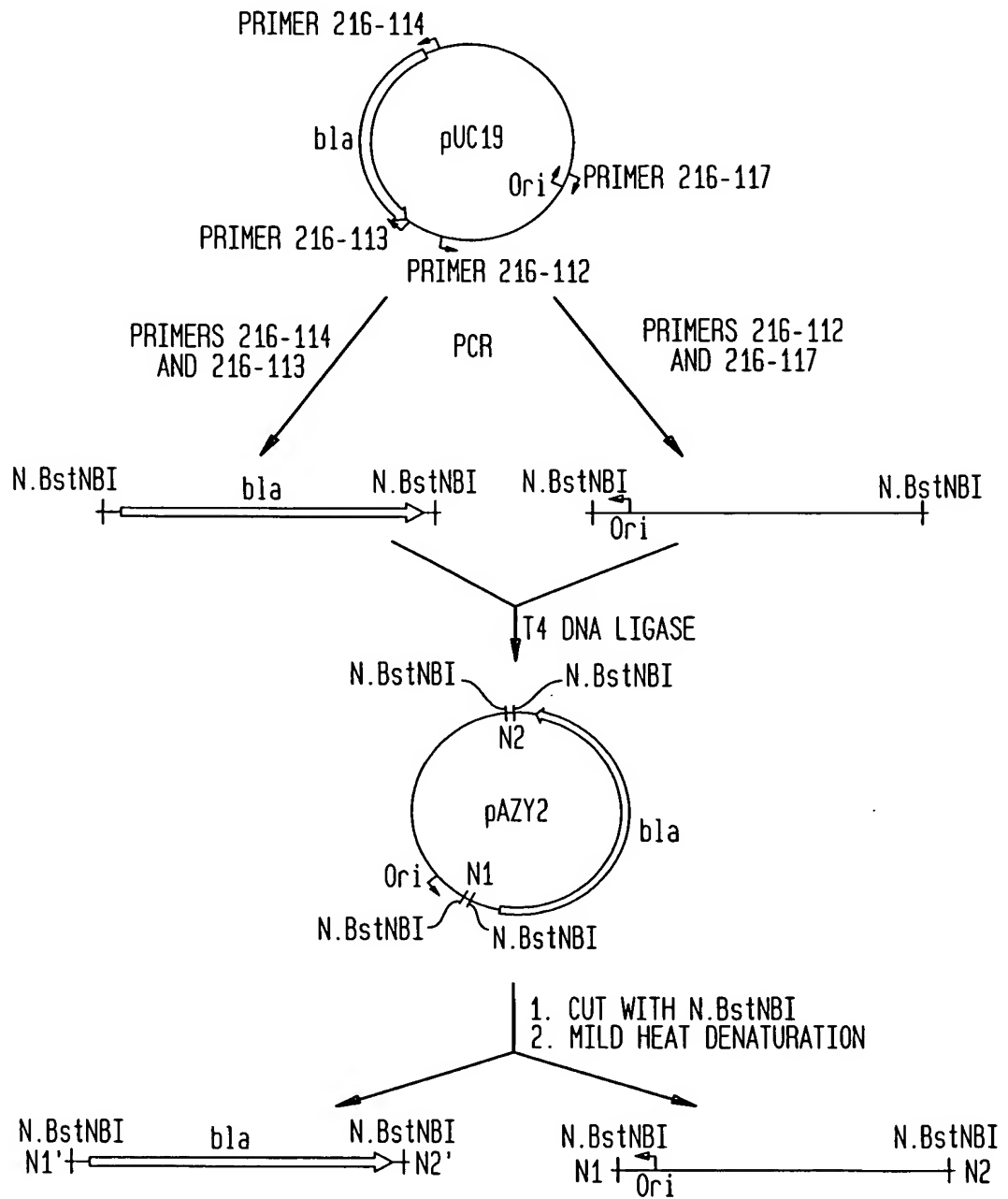


FIG. 4



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FIG. 5

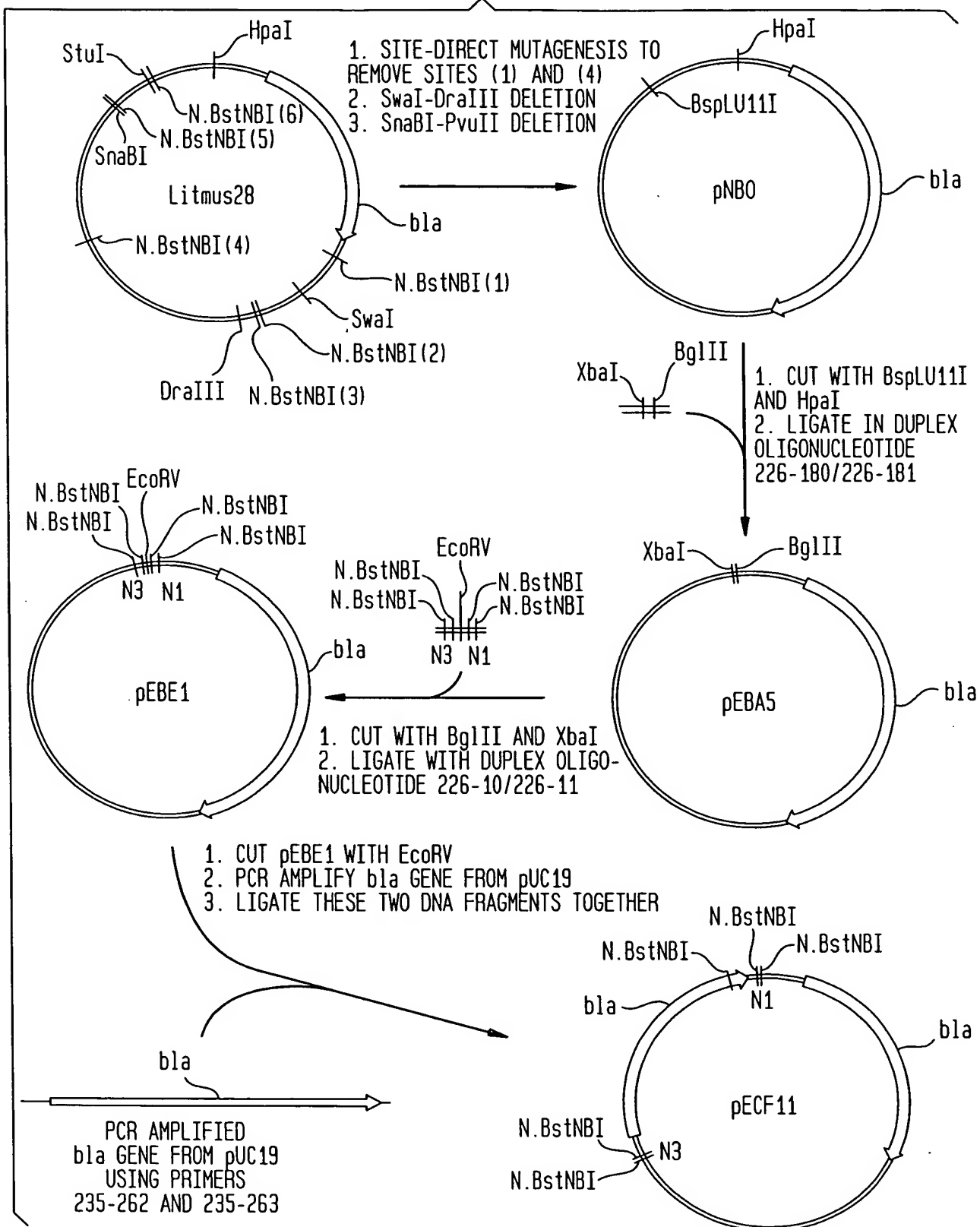


FIG. 6

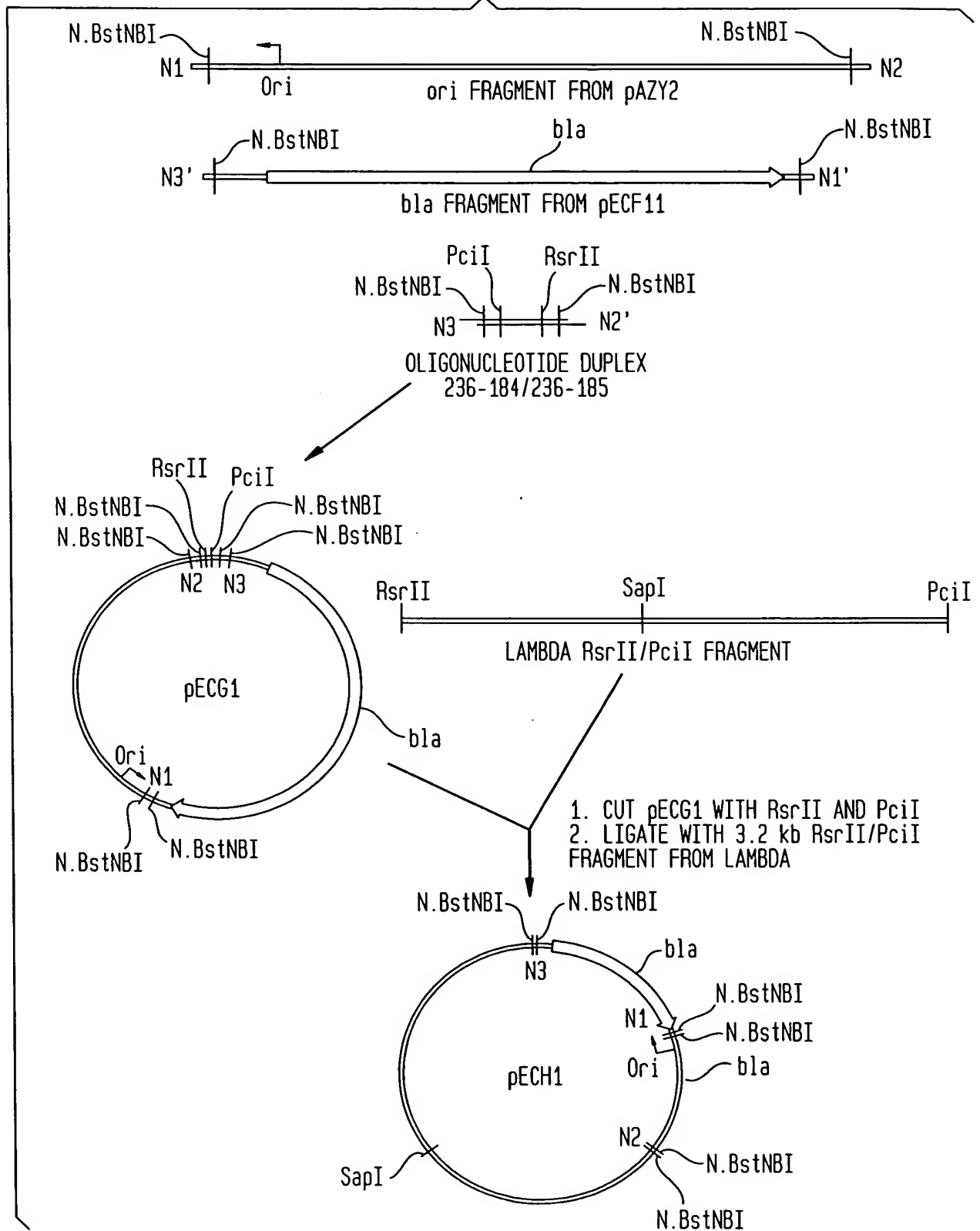


FIG. 7

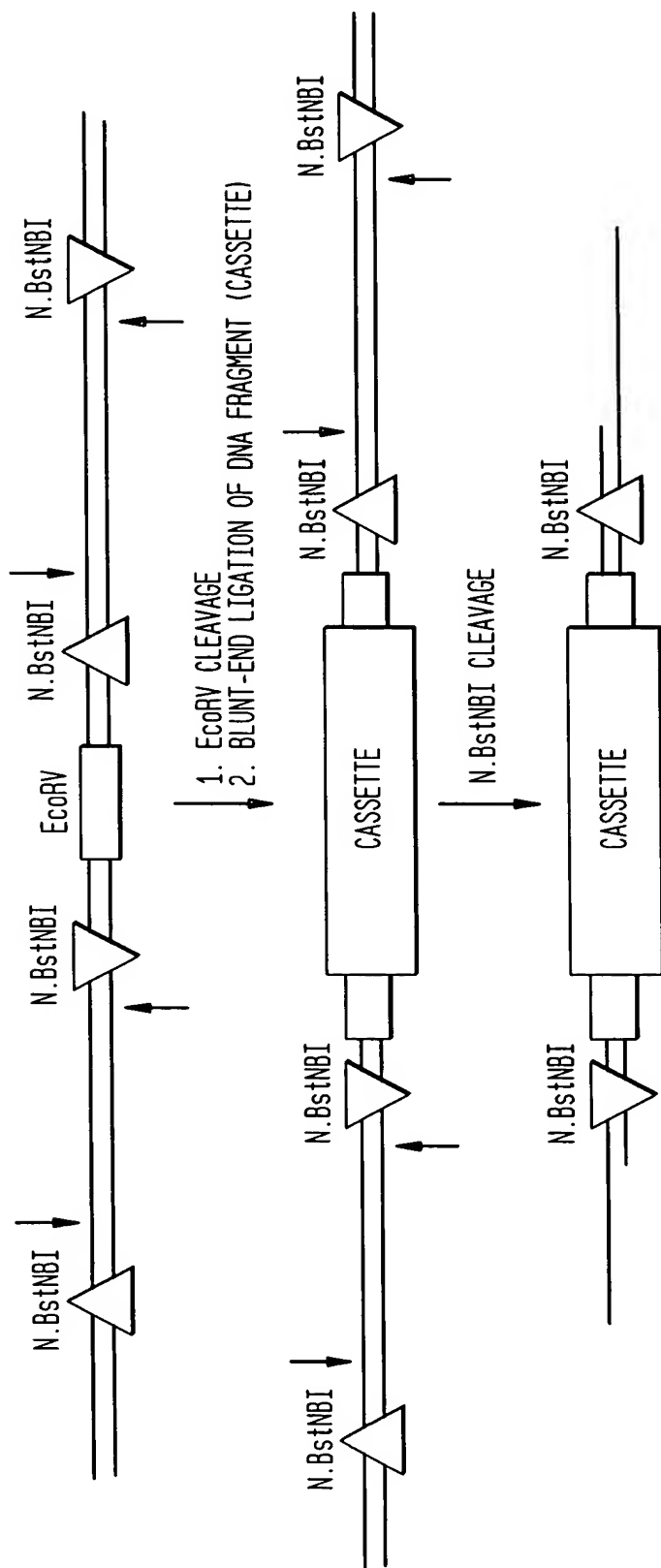


FIG. 8

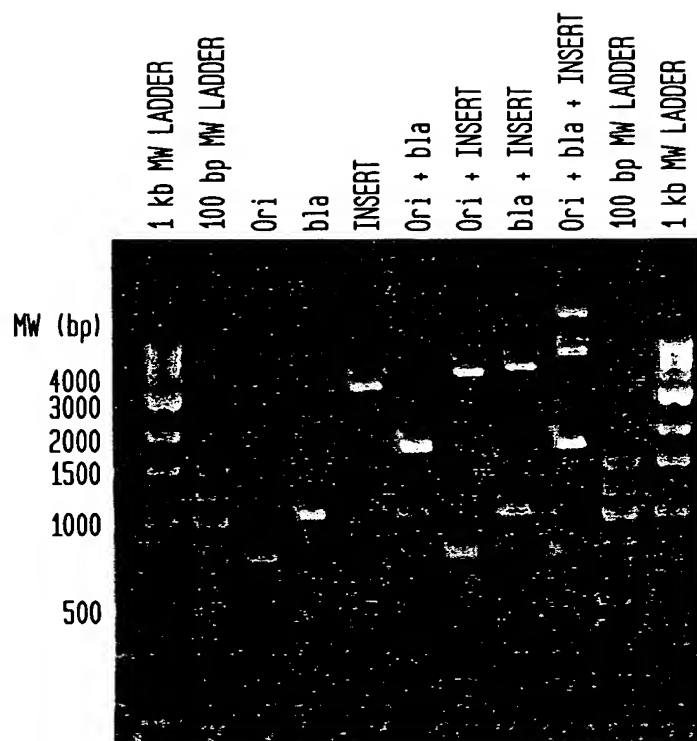


FIG. 9

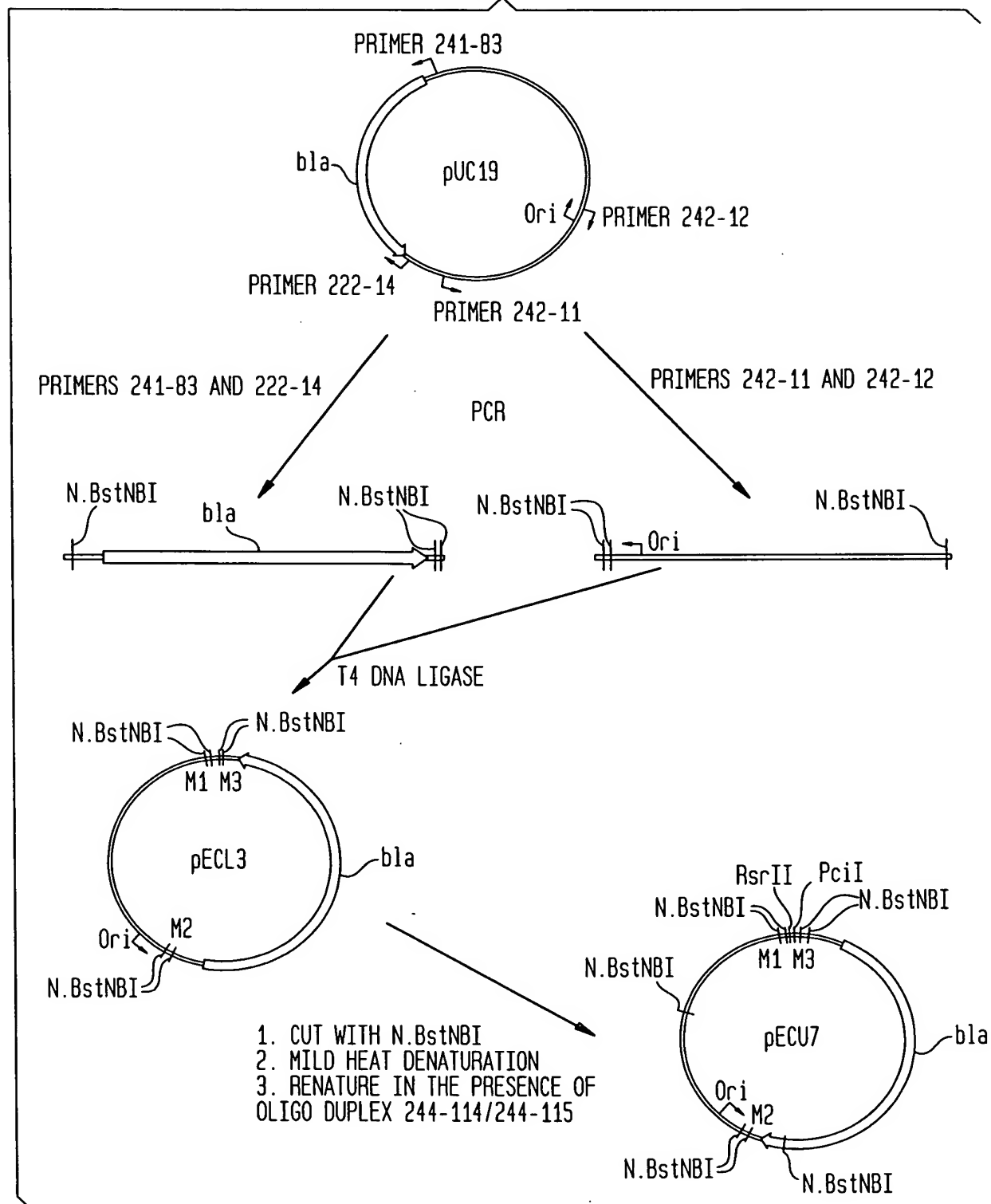


FIG. 10

